STATE OF WISCONSIN

SENATE CHAIR MARK MILLER

317 East, State Capitol P.O. Box 7882 Madison, WI 53707-7882 Phone: (608) 266-9170



ASSEMBLY CHAIR MARK POCAN

309 East, State Capitol P.O. Box 8952 Madison, WI 53708-8952 Phone: (608) 266-8570

JOINT COMMITTEE ON FINANCE

<u>MEMORANDUM</u>

To:

Members

Joint Committee on Finance

From:

Senator Mark Miller

Representative Mark Pocan

Date:

November 17, 2009

Re:

State of Wisconsin Investment Board Quarterly Report

Attached is a report on expenses that were charged directly to funds managed by the State of Wisconsin Investment Board (SWIB), pursuant to s. 25.17(13m), Stats.

As required by s. 25.17(13m) attached is a report by (SWIB) on all expenses that were charged directly to funds managed by (SWIB) during the quarter ending September 30, 2009. In addition to the expenses charged to the funds, the report also contains a comparison of assets managed internally and externally for the past four quarters

This report is being provided for your information only. No action by the Committee is required. Please feel free to contact us if you have any questions.

Attachments

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BY: Jt. Finance

November 13, 2009

Senator Mark Miller, Co-Chair Joint Committee on Finance P.O. Box 7882 Madison WI 53707-7882

Senator Kathleen Vinehout, Co-Chair Joint Committee on Audit P.O. Box 7882 Madison WI 53707-7882

Mr. Michael Morgan, Secretary Department of Administration 101 East Wilson Street P.O. Box 7864 Madison, WI 53707-7864 Representative Mark Pocan, Co-Chair Joint Committee on Finance P.O. Box 8952 Madison WI 53708-8952

Representative Peter Barca, Co-Chair Joint Committee on Audit P.O. Box 8952 Madison WI 53708-8952

Dear Senator Miller, Senator Vinehout, Representative Pocan, Representative Barca and Secretary Morgan:

As required by Section 25.17 (13m), I have attached our quarterly report listing all expenses that were charged directly to funds managed by the State of Wisconsin Investment Board (SWIB or the Board) during the quarter ending September 30, 2009. In addition to the expenses charged to the funds, the report also contains a comparison of assets managed internally and externally for the past four quarters.

The statutes authorize the Board to employ special legal or investment counsel in any matter arising from the scope of our investment authority and to employ professionals, contractors or agents to evaluate or operate any property in which the Board has an interest. The Board may also contract with external advisers to manage various types of investments. Expenses for these services are directly charged to the current income of the fund for which the services were furnished.

This report lists expenses on an accrual basis – when the costs were incurred rather than paid. Providing the information on an accrual basis gives a better picture of quarter to quarter trends in services that are directly charged to the funds. A negative charge typically indicates an adjustment to expenses accrued in a prior quarter or a refund of expenses that were prepaid and subsequently adjusted.

The following highlights changes from the previous quarter:

 External public market management fees increased approximately \$2.3 million during the quarter, primarily due to a continued upswing in the public financial markets. External manager fees, which are based on assets under management, increase as the assets under management rise. However, as shown in Appendix D, the overall percent of assets managed externally actually declined in the third quarter as SWIB continued to move assets from external to internal management.

- Private equity management fees decreased approximately \$0.5 million from the prior quarter, while real estate fees increased nearly 10% or \$0.8 million during the same period. The real estate increase was due primarily to funding one limited partnership. Although fees have been trending upward in the past year because SWIB has committed more assets to private equity, the decrease in the third quarter fees reflects fewer new transactions during the quarter. Both private equity and real estate costs are best viewed over the long term as accruals, commitments and payments often vary significantly from one quarter to another.
- Overall, investment consulting and market research services increased by a net \$121,000 from the prior quarter. In part, this reflects added costs to provide services for new positions as well as changes in staff responsibilities. Quarterly custodial fees paid to BNY Mellon are approximately \$150,000. However, the fees were under accrued by one month during the third quarter, which accounts for the 42% change from the prior quarter.

Attachment A lists all expenses by category. Attachment B provides further explanation about the various expenditure categories. Attachment C includes legal expenses that were capitalized at the time of acquisition or directly associated with the ongoing activity of an asset, such as appraisals or bankruptcy costs. Unlike other expenses listed in this report, these expenses are reflected in the value of the asset or are netted against gross returns of the asset, consistent with standard industry practices.

Attachment D shows the amount and percent of Wisconsin Retirement System (WRS) assets managed internally and externally over the last four quarters. For the ninth consecutive quarter, the percentage of total assets managed internally increased. At the end of the third quarter 2009, SWIB was managing 40.9% of assets internally compared to 20.7% at the end of 2007. The increase in internal management, which is less costly than external management, was possible after SWIB received increased staff and budget authority in 2007 and 2008.

We hope this report gives you a clear picture of expenditures and how funds are managed. Please contact me, however, if you have any questions or comments about the report.

Sincerely,

Keith Bozarth

Executive Director

Attachments

Members, Joint Committee on Finance
Members, Joint Committee on Audit
Robert Lang, Legislative Fiscal Bureau

Robert Lang, Legislative Fiscal Bureau Janice Mueller, Legislative Audit Bureau

ATTACHMENT A

STATE OF WISCONSIN INVESTMENT BOARD

Direct Charges to All Funds Under Management - Accrual Basis Quarter Ending September 30, 2009

| - | Charge Category | Service Provided | Charges |
|-------|--|--|----------|
| | Custodial and Banking Fees | | |
| | Bankers' Bank | Wisconsin CD Program | \$2,500 |
| | BNY Melion | Master Custody Services | 91,875 |
| | US Bank | State Banking Services | 116 |
| | Total Custodial and Banking Fees | State Daliking Services | \$94,491 |
| | rotal Sustatial and Danking Fees | | |
| | Legal Fees, Services and Expenses | | |
| SATUR | Foley & Lardner | Private Markets Investment Transactions | 22,602 |
| | Total Legal Fees, Services and Expenses | | \$22,602 |
| | Investment Counsel | | |
| | Abel/Noser Corp. | Trade Analysis | 26,667 |
| | BCA Publications | Global & Domestic Fixed Income Strategy Research | 22,468 |
| | BioCentury Publications | Biotech Stock News | 1,181 |
| | Bloomberg, LP | Market, Company, Industry & Benchmark Information | 414,083 |
| | BNY Mellon | Eagle Pace Implementation | 109,767 |
| | CanDeal.ca Inc. | Canadian Government Bond Trading Service | 1,050 |
| | CEM Benchmarking Inc. | Comparative Cost Analysis | 20,000 |
| | Charles River Systems, Inc. | Portfolio Management Software | 55,994 |
| | Cliffwater LLC | Hedge Fund Investment Consulting | 31,989 |
| | Connexiti LLC | Supply Chain Data | 5,000 |
| | Council of Institutional Investors | Corporate Governance | 7,500 |
| | Courtland Partners | Performance Monitor Reporting | 71,250 |
| | Covenant Review, LLC | Corporate Bond Research | 8,751 |
| | Credit Sights | Credit Assessments | 18,750 |
| | Cutter Associates | Trading Room Consultant | 22,275 |
| | Data Broadcasting Corporation - CMS Bond Edge | Pricing Service | 11,445 |
| | Data Explorers Limited | Securities Lending Analysis | 3,570 |
| | Davis Mendel & Regenstein, Inc. | Online Investment Reports | 11,250 |
| | Dominion Bond Rating Service (DBRS) | Credit Ratings & Research Reports for Corporate Bond Issuers | 1,143 |
| | Dow Jones & Co | Company and Industry News Service | 13,110 |
| | Ennis, Knupp & Associates | Fiduciary & Governance Consulting | 46,250 |
| | Factset Data Systems | Financial & Economic Database | 98,129 |
| | Financial Tools, Inc. | Financial Statement Spreadsheet Software License | 324 |
| | FX Alliance LLC | Electronic Platform for Trading Foreign Currencies | 4,626 |
| | Gartner, Inc. | Tech Sector Specific Research | 10,000 |
| | Gimme Credit | Credit Research | 4,938 |
| | Hamilton Lane Advisors, LLC | Private Equity Consulting/Reporting Services | 337,500 |
| | Haver Analytics | Global Macroeconomic Research | 16,899 |
| | iMoneyNet, Inc | Money Market Fund Database | 13,138 |
| | Institutional Investor | Global Fixed Income Institute Membership | 7,501 |
| | Interfaith Center On Corporate Responsibility | Social Investing Research | 998 |
| | | | |

| Charge Category | | Bilaiges |
|---|---|-------------|
| International Strategy & Investment Group Inc. | Economic Research and Analysis | (93,752) |
| Investor Responsibility & Support Services, Inc | Securities Class Action Support | 8,751 |
| Lombard Street Research | Global Economic Analysis | 16,263 |
| London Stock Exchange PLC | London Stock Exchange Data | 8,323 |
| Maria Fiorini Ramirez | Economic Analysis | 1,200 |
| Market Axess Corporation | Bond and Yield Pricing | 1,050 |
| McLagan Partners | Compensation Comparison | 9,562 |
| Moody's Analytics, Inc. | Economic, Currency & Bond Analysis | 31,169 |
| Moody's Investor Service | Corporate Bond Credit Quality Screening | 5,835 |
| Morgan Stanley Capital International | Developed Markets Security Data | 27,620 |
| Morningstar, Inc. | Benchmark & Performance Data | 154 |
| Morningstar, Inc. | Historical Return Analysis | 375 |
| New York Stock Exchange | New York Stock Exchange Data | 7,789 |
| Peter L. Bernstein | Economic & Portfolio Strategy | (125) |
| Property & Portfolio Research | Real Estate Consulting & Electronic Services | 27,500 |
| QTI Professional Staffing, Inc | Investment Staff Recruitment Consulting | 33,555 |
| Quantitative Services Group LLC | Access to Quantitative Data | 23,127 |
| Reuters America Inc. | News, Economic & Company Research & Analytics | 21,998 |
| RiskMetrics Group | Proxy Voting Analysis | 42,274 |
| Russell Investment Group | Index Data Feeds | 8,750 |
| Salomon Analytics Yield Book | Fixed Income Portfolio Risk & Optimization Modeling/Analysis | 18,750 |
| SNL Financial | Customized Analysis of Bank Investments | 10,975 |
| Standard & Poor's | Industry & Corporate Research | 74,400 |
| StepStone Group LLC | Private Equity consultant | 43,750 |
| Strategic Economic Decisions | Research Reports | 6,249 |
| Strategic Investment Solutions, Inc. | Asset Allocation & Benchmark Consulting | 70,000 |
| StreetAccount LLC | Tracks Portfolio and Historical Information | 708 |
| Telsey Advisory Group | Consumer Sector Research | 31,251 |
| The Corporate Library | Proxy Voting Research Data | 4,626 |
| The Info Project, Inc | Technology Sector Research | 3,334 |
| The Markets,com | Detailed Research Service | 6,000 |
| Thomas Clarkson | Investment Consulting - Fixed Income | 4,943 |
| Thomson Financial Services | Electronic Research Pricing (Autex, StreetEvents, FirstCall) | 73,605 |
| Toronto Stock Exchange | Market Data/Traders | 1,696 |
| Trade Web | On-Line Fixed Income Trading Service | 7,800 |
| US Bank | Replacement Check Fee | 60 |
| Wall Street Prep | Financial and Valuation Modeling | 435 |
| Wilshire Associates | Performance Measurement, Portfolio Management & Analytics | 113,000 |
| World Bank Publications | Historical Emerging Market Countries Macroeconomic Data | <u>191</u> |
| Total investment Counsel | Scales of the second | \$2,050,736 |
| Real Estate Investment Management Services | | |
| Apollo Advisors | Real Estate Management Services | 24,835 |
| Archstone - Smith Trust | Real Estate Management Services | 207,226 |
| Berkshire Property Advisors, LLC | Real Estate Management Services | 366,398 |
| Blackstone Management Partners VI LLC | Real Estate Management Services | 562,500 |
| Bristol Group, Inc. | Real Estate Management Services | 51,660 |
| BVP Managers, LLC | Real Estate Management Services | 375,000 |
| Callahan Capital | Real Estate Management Services | 355,611 |
| • | - | |

| Charge Category | Service Provided | Charges |
|--|---|-------------------|
| Capital Trust | Real Estate Management Services | 437,134 |
| Centerline Capital Group | Real Estate Management Services | 187,500 |
| Cornerstone Real Estate Advisors | Real Estate Management Services | 205,101 |
| Essex VFGP | Real Estate Management Services | 125,000 |
| Fortress investment Corp. | Real Estate Management Services | 1,196,198 |
| Goldman Sachs & Co. | Real Estate Management Services | 82,342 |
| Guggenheim Structured Real Estate Advisors, LLC | Real Estate Management Services | 74,489 |
| Hawkeye Partners LP | Real Estate Management Services | 106,861 |
| Heitman Capital Management Corp. | Real Estate Management Services | 32,178 |
| Henderson Global Investors (North America) Inc. | Real Estate Management Services | 291,926 |
| Hudson Advisors | Real Estate Management Services | 481,802 |
| | Real Estate Management Services | 2,308 |
| Invesco Realty Advisors, Inc. | Real Estate Management Services | 1,093,298 |
| JP Morgan Investment Management | Real Estate Management Services | 79,458 |
| Kensington Realty Advisors | Real Estate Management Services | 19,376 |
| Koll Bren Realty Advisors KTR Capital Partners | - | |
| • | Real Estate Management Services | 183,789 |
| Landmark Realty Advisors | Real Estate Management Services Real Estate Management Services | .13,854 87,758 |
| | | · |
| Lowes Structured Real Estate | Real Estate Management Services | 113,636 |
| Mesa West Capital LLC | Real Estate Management Services | 409,550 |
| MMA Realty Capital | Real Estate Management Services | 2,794 |
| Morgan Stanley | Real Estate Management Services | 164,057 |
| Northwestern Mutual Life | Real Estate Management Services | 7,849 |
| Prudential (senior housing) | Real Estate Management Services | 126,968 |
| Rockpoint Group LLC | Real Estate Management Services | 382,038 |
| Rockspring Property Investment Managers | Real Estate Management Services | 82,153 |
| RREEF | Real Estate Management Services | 463,571 |
| Security Capital | Real Estate Management Services | 125,744 |
| Sentinel Realty Advisors Corp. | Real Estate Management Services | 177,489 |
| Westbrook Real Estate | Real Estate Management Services | <u>409,428</u> |
| Total Real Estate Investment Management S | Services* | \$9,108,878 |
| Private Equity Management | | |
| 3I Europe Investment Partners | Private Equity Management | 32,000 |
| ACI Capital Investors II | Private Equity Management | 245,200 |
| Advent International GPE VI, L.P. | Private Equity Management | 198,600 |
| Alchemy Partners | Private Equity Management | 76,800 |
| Alta Communications IX, LP | Private Equity Management | 174,100 |
| American Securities Opportunities Fund, LP | Private Equity Management | 117,400 |
| American Securities Partners V, L.P. | Private Equity Management | 386,200 |
| Ampersand Ltd Partnership | Private Equity Management | 54,300 |
| Apollo European Principal Finance Fund, L.P. | Private Equity Management | 425,100 |
| Apollo Investment Fund IV LP | Private Equity Management | 9,600 |
| Apollo Investment Fund VII, L.P. | Private Equity Management | 510,500 |
| Ares Corporate Opportunities Fund II, LP | Private Equity Management | 107,600 |
| Ares Corporate Opportunities Fund III, L.P. | Private Equity Management | 375,000 |
| Ares Corporate Opportunities Fund, LP | Private Equity Management | 55,100 |
| Asia Recovery Fund | Private Equity Management | 23,700 |
| Avenue Europe Special Situations Fund, L.P. | Private Equity Management | 269,700 |
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| | Samuel Drovided | Charges |
|--|---|----------|
| Charge Category | Service Provided Private Equity Management | 281,300 |
| Avenue Special Situations Fund V, L.P. | . , . | 79,700 |
| Baird Venture Partners | Private Equity Management | 156,300 |
| Baird Venture Partners III | Private Equity Management | |
| Bear Stearns | Private Equity Management | .70,800 |
| Bear Stearns Merchant Capital | Private Equity Management | 320,200 |
| Birch Hill Equity II | Private Equity Management | 28,800 |
| Blackstone Management Partners V LLC | Private Equity Management | 325,100 |
| Boston Millennia | Private Equity Management | 92,700 |
| Bridgepoint Europe III A LP | Private Equity Management | 228,700 |
| Bridgepoint Europe IV, L.P. | Private Equity Management | 401,200 |
| Capital International Global | Private Equity Management | 11,600 |
| Capital Res Partners IV LP | Private Equity Management | 50,100 |
| Capital Resource Lenders III | Private Equity Management | 9,000 |
| Carlyle Asia Ltd. | Private Equity Management | 39,800 |
| Carlyle Partners IV, LP | Private Equity Management | 77,800 |
| Carlyle Partners V, L.P. | Private Equity Management | 296,100 |
| Cerberus Institutional Partners LP | Private Equity Management | 370,000 |
| Charterhouse | Private Equity Management | 38,500 |
| Charterhouse Capital Partners IX, L.P. | Private Equity Management | 489,100 |
| Charterhouse VIII | Private Equity Management | 143,300 |
| Clessidra Capital Partners II | Private Equity Management | (77,800) |
| Coller International | Private Equity Management | 65,700 |
| Coller International V LP | Private Equity Management | 186,000 |
| CVC European Equity Partners Tandem Fund | Private Equity Management | 179,400 |
| CVC European Equity Partners V, L.P. | Private Equity Management | 449,000 |
| Cypress Advisors, LP | Private Equity Management | 40,000 |
| DAG Ventures IV, LP | Private Equity Management | 188,700 |
| Doll Technology Invt Fd II LP | Private Equity Management | 15,000 |
| El Dorado Ventures | Private Equity Management | 168,800 |
| EQT V, L.P. | Private Equity Management | 200,800 |
| Essex Woodlands Hith Venture V | Private Equity Management | 82,000 |
| FFC Partners II, LP | Private Equity Management | 57,400 |
| Fortress Invest Fund II LLC | Private Equity Management | 5,400 |
| Fortress Invest Fund IV (Coinvestment Fund A) | | no coo |
| LP | Private Equity Management | 89,600 |
| Fortress Invest Fund IV (Fund A) LP | Private Equity Management | 113,900 |
| Fortress RIC | Private Equity Management | 13,800 |
| Fortress V | Private Equity Management | 200,000 |
| Fortress V Coinvestment | Private Equity Management | 69,100 |
| Frazier | Private Equity Management | 252,400 |
| Friedman Fleischer & Lowe Capital Partners III, L.P. | Private Equity Management | (9,000) |
| Gores Capital Partners II, LP | Private Equity Management | 75,000 |
| Graphite | Private Equity Management | 385,800 |
| Green Equity Partners V | Private Equity Management | 347,300 |
| GS Special Opptys Asia Fd LP | Private Equity Management | 8,000 |
| GTCR | Private Equity Management | 234,100 |
| Hamilton Lane Co-Investment Fund II, L.P. | Private Equity Management | 125,000 |
| Harbourvest International | Private Equity Management | 125,200 |
| Hellman & Friedman Capital VI | Private Equity Management | 281,300 |
| Francial of Indultari Dapitar Vi | adait) managomon | |

| Charge Category | Service Provided | Charges |
|--|---------------------------|-----------|
| IGP II | Private Equity Management | (14,200) |
| Insight Equity II, L.P. | Private Equity Management | 225,000 |
| Insight Equity Mezzanine I, L.P. | Private Equity Management | 56,300 |
| Kelso Investment VII LP | Private Equity Management | 55,200 |
| Kelso VIII | Private Equity Management | 375,000 |
| KKR 2006 Fund LP | Private Equity Management | 621,500 |
| KKR European Fund III, L.P. | Private Equity Management | 404,100 |
| KKR European II | Private Equity Management | 167,700 |
| Kohlberg Investors VI, LP | Private Equity Management | 233,400 |
| Kohlberg Kravis Roberts & CO | Private Equity Management | 24,400 |
| KRG Capital Fund IV - A, L.P. | Private Equity Management | 56,400 |
| KRG Capital Fund IV, L.P. | Private Equity Management | 281,900 |
| Lake Pacific I Gladson, LLC | Private Equity Management | 110,000 |
| Lake Pacific Partners, LLC | Private Equity Management | 110,000 |
| Lindsay Goldberg and Bessemer II | Private Equity Management | 240,500 |
| Lindsay Goldberg III, LP | Private Equity Management | 433,100 |
| Lone Star Fund IV LP | Private Equity Management | 12,400 |
| Lone Star Fund VI | Private Equity Management | 312,500 |
| Mason Wells Partners I, LLC | Private Equity Management | 74,600 |
| Mayfield XI LP | Private Equity Management | 32,700 |
| Montreux Equity Partners IV, L.P. | Private Equity Management | 77,300 |
| New Mountain Partners III, L.P. Northwestern Mutual Capital Mezzanine Fund I, | Private Equity Management | 369,400 |
| L.P. | Private Equity Management | 234,100 |
| Oak Investment Partners XII, LP | Private Equity Management | 200,000 |
| OCM Opportunities Fund VII | Private Equity Management | 157,300 |
| OCM Opportunities Fund VIIb, L.P. | Private Equity Management | 243,500 |
| Old Lane India Opportunities Fund-T, LP | Private Equity Management | 90,400 |
| Peninsula Fund IV LP | Private Equity Management | 250,000 |
| Pennisula Fund | Private Equity Management | 80,800 |
| Pomona Capital | Private Equity Management | 125,500 |
| Pomona Capital VII, L.P. | Private Equity Management | 362,000 |
| Providence Equity Partners VI, LP | Private Equity Management | 346,800 |
| Providence TMT Special Situations Fund | Private Equity Management | 88,900 |
| Providence V | Private Equity Management | 33,300 |
| Riverstone/Carlyle GE&P IV | Private Equity Management | 183,500 |
| Seaport Capital Partners II | Private Equity Management | 42,600 |
| Segulah IV, L.P. | Private Equity Management | 93,000 |
| SKM Equity Fund III, LP | Private Equity Management | 24,900 |
| Sprout | Private Equity Management | 1,200 |
| TA X | Private Equity Management | 78,900 |
| TAC 2007, L.P. | Private Equity Management | 62,500 |
| TCV VII | Private Equity Management | 248,800 |
| Thomas Lee VI | Private Equity Management | 244,500 |
| TowerBrook Investors III, L.P. | Private Equity Management | . 141,700 |
| TPG Partners VI, LP | Private Equity Management | 651,100 |
| Trident IV, L.P. | Private Equity Management | 189,400 |
| Venture Investors | Private Equity Management | 56,300 |
| Venture Investors Early Stage Fund IV | Private Equity Management | 156,300 |

| Charge Category | Service Provided | Charges |
|--|--|--------------|
| Vista Equity Partners Fund III, L.P. | Private Equity Management | 307,600 |
| Warburg Pincus Private Equity IX, L.P. | Private Equity Management | 548,200 |
| Warburg Pincus Private Equity X, L.P. | Private Equity Management | 562,500 |
| Waterland Private Equity Fund IV, C.V. | Private Equity Management | 202,500 |
| Wayzata Opportunities Fund II | Private Equity Management | 427,000 |
| Windpoint Partners V LP | Private Equity Management | 67,000 |
| Windpoint Partners VI LP | Private Equity Management | 2,800 |
| Windpoint Partners VII, LP | Private Equity Management | 166,100 |
| Total Private Equity Management** | | \$21,373,100 |
| | nt Face | |
| Commingled Account Public Market Manageme | Quantitative/Enhanced & Index Fund Management | 3,283,438 |
| Barclays Global Investors (BGI) | Equity Emerging Market Management | 2,157,699 |
| Boston Company, The Callan Associates Inc. | Fund-of-Funds Small Cap Equity Management | 580,793 |
| Capital Guardian Trust Company | Global High Yield Fixed Income Management | 483,294 |
| • | Equity and Fixed Income Emerging Market Management | 288,971 |
| Grantham, Mayo, Van Otterloo | Quantitative/Enhanced & Index Fund Management | 1,056,574 |
| LSV Asset Management T. Rowe Price Trust Company | International Emerging Market Management | 1,905,827 |
| | | 686,793 |
| UBS Global Asset Management | Multi-Asset Management | \$10,443,389 |
| Total Commingled Account Public Market Ma | andgement rees | |
| Separate Account Public Market Management F | ees | |
| Aberdeen Asset Management | Global Fixed Income/Emerging Active Management | 578,739 |
| Acadian Asset Management | International Equity Active Management | 1,252,708 |
| AEW | Real Estate Investment Trusts | 73,786 |
| Alliance Bernstein | International Equity Active Management | 1,212,757 |
| American Century Investments | International Equity Active Management | 486,247 |
| Brandywine Asset Management | Global Fixed Income Active Management | 203,217 |
| Bridgewater Associates | Global Fixed Income Active Management | 527,324 |
| Dodge & Cox | US Credit/Government Bond Management | 16,188 |
| Ell Realty Services, Inc. | Real Estate Investment Trusts | 184,777 |
| Grantham, Mayo, Van Otterloo | Large Cap Quantitative Management | 65,510 |
| Heitman Real Estate Securities, LLC | Real Estate Investment Trusts | 68,917 |
| Janus Institutional Asset Management | Large Cap Growth Management | 753,006 |
| Loomis, Sayles & Co. | High Yield Fixed Income Active Management | 521,100 |
| LSV Asset Management | International Equity Active Management | 1,389,926 |
| Mellon Transition Management | Transition Management Service | 139,850 |
| Morgan Stanley Asset Management | International Equity Active Management | 915,789 |
| Pyramis Global Advisors Trust Company | International Equity Active Management | 937,483 |
| RREEF America LLC | Real Estate Investment Trusts | 211,872 |
| Standish Mellon Asset Management LLC | Cash Management Service | 10,268 |
| Stone Harbor Asset Management | Emerging Market Fixed Income Active Management | 489,403 |
| Total Separate Account Public Market Mana | gement Fees | \$10,038,868 |

Total Quarterly Charges to Funds

\$53,132,064

^{*}Fees paid to fund managers are established as a percentage of the capital committed. As assets in a fund are sold, the management fees paid are typically reimbursed from the profits of the fund.

^{**}Expenses for private equity management fees are estimated and adjusted annually based upon committed capital or assets under management, determined by management contract terms. Total committed capital includes management fees. All capital contributions to the limited partnership must first be returned to the limited partners before any incentive fees are paid to the general partner.

Explanations of Direct Charges

Custodial & Banking Fees

Wisconsin Certificate of Deposit Program: Under a contract with SWIB, Bankers' Bank administers the program under which the State Investment Fund (SIF) purchases certificates of deposit from Wisconsin-based banks and thrifts. Most administrative costs are paid by the participating banks. SWIB's expenses are \$2,500 per quarter to help underwrite other administrative costs, such as insurance that SWIB requires to be purchased.

BNY Mellon: Provides master custody services (safekeeping of assets, income collection, valuations and accounting) for public and private domestic and foreign securities in the Wisconsin Retirement System (WRS), the SIF and the smaller funds. In addition, SWIB receives performance measurement and analytical services from BNY Mellon Analytical Solutions through its custodial contract with BNY Mellon, which serves as the official book of record for SWIB's accounting and performance measurement functions. BNY Mellon provides the data and analytical tools used by SWIB for compliance and risk management. Fees for these services are established by contract.

US Bank: The State of Wisconsin has contracted with US Bank to be the state's working bank. The fees paid to US Bank by the SIF reflect bank service charges that are not directly applicable to the fund participants. These fees are distributed to the fund participants through the monthly SIF earnings process.

Legal Fees, Services and Expenses

Under authority delegated by the Attorney General, pursuant to s. 25.18 (1) (a) Statutes, SWIB may employ legal counsel for any matters arising out of the scope of its investment authority. This includes legal services relating to bankruptcies, class actions, private markets transactions, fiduciary advice, securities law, investment litigation, and other similar matters. Capitalized fees incurred during the asset acquisition process are reported separately as a charge against the value of the asset. The Attorney General annually reviews and approves a list of law firms to provide investment legal services for SWIB and reviews related legal fees.

Investment Counsel

Current law gives SWIB the authority to employ investment counsel in any matters arising out of the scope of its investment authority. Investment research and services provided include global market, industry, economic and company information, financial and performance analytics, news information, pricing and exchange data, credit ratings, financial modeling, economic forecasting, trading services and a variety of Board consultations. These services enable SWIB to perform due diligence on current and future holdings and assist in monitoring investments.

Real Estate Investment Management Services

SWIB hires real estate advisors to assist with sourcing analysis, due diligence and management of real estate investments. SWIB also invests in funds, typically limited partnerships. Each fund either has a general partner or engages a fund manager with delegated authority to make real estate investments for the fund. Real estate advisory fees are usually based on a percentage of assets under management. Fees paid to fund managers are established as a percentage of the capital committed. As assets in a fund are sold, the management fees paid are typically reimbursed from the profits of the fund.

Private Equity Management Fees

SWIB invests in private equity funds, typically limited partnerships that in turn make individual private equity investments. Each fund is managed by its general partner or fund manager with delegated authority. Fees are established as a percentage of the capital committed to each fund or partnership. As assets in a fund are sold, the management fees are typically reimbursed from the profits of the fund.

Public Market Active Management Fees

Within broad guidelines established by SWIB, these managers have been delegated authority to determine strategy and purchase securities in SWIB's name under a separate and distinct account. This relationship is used primarily in the management of international equity and fixed income investments. Fees are typically assessed as a percentage of the market value of assets under management and may include other factors.

BNY Mellon invests the cash from the externally managed portfolios and internally managed international equity portfolios that have yet to be invested in stocks or bonds. Due to settlement times around the globe, these funds cannot be effectively managed in the State Investment Fund. The fees are negotiated as part of the custodial contract.

Indexed, Enhanced and Commingled Fees

SWIB has investments in a number of externally managed funds that seek to replicate the returns of a particular public market index (such as the Russell 1000) or seek to enhance the return from a particular public market index through the use of quantitative models or other strategies. SWIB's investments are commingled with other investors, and the underlying securities are owned in the name of the fund manager. Fees are typically based on a percentage of assets under management and may include other factors, such as performance.

Asset Specific Charges

Asset specific charges include expenses that are directly associated with the ongoing activity of an asset such as appraisals or bankruptcy costs. Unlike other expenses reflected in this report, these expenses are netted in gross returns of the asset, consistent with standard industry practices.

ATTACHMENT C

STATE OF WISCONSIN INVESTMENT BOARD

Report of Asset Specific Charges and Capitalized Legal Fees - Accrual Basis

Quarter Ending September 30, 2009

| Charge Category | Service Provided | Gjenges |
|---|--|------------------|
| Legal Fees, Services and Expenses | | |
| Foley & Lardner | Private Markets Investment Transactions | \$4,305 |
| Reinhart Boerner Van Dueren | Private Markets Investment Transactions | 64,003 |
| Robins, Kaplan, Miller & Ciresi L.L.P. | Legal & Accounting Litigation | 40,428 |
| Solheim, Billing & Grimmer SC | Private Markets Investment Transactions | 4,543 |
| Total Legal Fees, Services and Expenses | | \$113,279 |
| Investment Counsel | | |
| Campbell & Riggs Inc. | Securities Litigation | 4,874 |
| Total Investment Counsel | | <u>\$4,874</u> |
| Total Asset Specific Charges | | <u>\$118,153</u> |
| Capitalized Legal Fees | | |
| Michael Best & Friedrich | Litigation & Private Markets Investment Transactions | 5,658 |
| Reinhart Boerner Van Dueren | Private Markets Investment Transactions | 28,408 |
| Solheim, Billing & Grimmer SC | Private Markets Investment Transactions | <u>22,590</u> |
| Total Capitalized Legal Fees | • | <u>\$56,655</u> |

This table includes expenses that are capitalized at the time of acquisition or directly associated with the ongoing activity of an asset such as appraisals or bankruptcy costs. Unlike other expenses shown in this report, these expenses are reflected in the value of the asset or netted in gross returns of the asset, consistent with standard industry practices.

Wisconsin Retirement System Assets Internal & External Management

ATTACHMENT D

| Internally Managed \$23,263 Externally Managed Dedicated Accounts 11,742 | Percent | Amount | | | | | |
|---|---------|------------|---------|--|---------|---------------|---------|
| (in millions) \$23,263 I Dedicated Accounts 11,742 | Percent | <u>(i)</u> | | Amount | | Amount | |
| \$23,263 Dedicated Accounts 11,742 | | = | Percent | (ii | Percent | (in millions) | Percent |
| Dedicated Accounts | | millions) | | millions) | | | |
| | 37.6% | \$21,866 | 39.1% | \$25,178 | 39.8% | \$29,038 | 40.9% |
| <u> </u> | | | | | | | |
| | 19.0% | 9,837 | 17.6% | 11,477 | 18.1% | 13,984 | 19.7% |
| | | | | | | | |
| Externally Managed Commingled 26,798 | 43.4% | 24,289 | 43.4% | 26,685 | 42.1% | 27,903 | 39.3% |
| Accounts | | | | | | | |
| 1. Passive Index Funds 10,008 | 16.2% | 9,631 | 17.2% | 10,876 | 17.2% | 12,014 | 16.9% |
| 2. Enhanced Index Commingled Funds 7,886 | 12.8% | 6,745 | 12.0% | 7,039 | 11.1% | 6,188 | 8.7% |
| 3. Limited Partnerships 6,419 | 10.4% | 5,338 | . 9.5% | 5,323 | 8.4% | 5,586 | 7.9% |
| 4. Actively Managed Commingled 2,486 | 4.0% | 2,575 | 4.6% | 3,446 | 5.4% | 4,116 | 5.8% |
| Accounts | | | | THE RESERVE OF THE PERSON OF T | | | |
| TOTAL WRS Assets \$61,803 | 100.0% | \$55,991 | 100.0% | \$63,340 | 100.0% | \$70,925 | 100.0% |